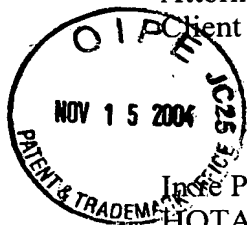


Attorney Docket: 060258-0290676  
Client Reference: 2990620US/PG/KOP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:  
HOTAKAINEN ET AL.  
Application No.: 10/082,357

Confirmation Number: 9720

Group Art Unit: 2681

Filed: February 26, 2002

Examiner: Aminzay, Shaima Q.

Title: MANAGEMENT OF LOCATION INFORMATION

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AMENDMENT

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated August 13, 2004, please reconsider the patentability of the rejected claims based on the following remarks. Claims 1-16 are pending.

Although the Office has indicated a willingness to allow claims 2-5 and 10-13, providing that these claims are rewritten in independent form including all of the limitations of any base and intervening claims, Applicants delay such amendments at this time to afford the Office the opportunity fully reconsider the outstanding rejections based on the following remarks.

The Office Action rejected claims 1, 8-9 and 16 under 35 U.S.C. 103 based on Wang (U.S. 6,009,321) in view of Park (U.S. 6,684,078) and Fuller et al. (U.S. 6,453,164; hereafter "Fuller") and rejected claims 6-7 and 14-15 under 35 U.S.C. 103 based on Wang, Park, Fuller and Chang et al. (U.S. 6,167,279; hereafter "Chang")

Applicants traverse these rejections because the cited prior art, analyzed individually or in combination, fails to disclose, teach or suggest the claimed method for processing location information in an intelligent network system, the method comprising "attaching a symbol to each digit of the location information to indicate the relevance of said digit to the processing purpose, and processing at least one digit of the location information indicated to be relevant according to predefined commands," as recited in independent claim 1 and its dependent claims.

Similarly, the cited prior art fails to disclose, teach or suggest an intelligent network system including transmission means for transmitting location information between a intelligent network system and a telecommunication system, “the location information being composed of digits,” and including “processing means “arranged to attach a symbol to each digit of the location information to indicate the relevance of said digit to the processing purpose and process at least one digit of the location information indicated to be relevant according to predefined commands,” as recited in independent claim 9 and its dependent claims.

Wang merely discloses a method for tracing calls, wherein a switch extracts the calling party number and stores it in a log of calls. In Wang, when the called party subsequently wants to trace the caller, the log is accessed by a specific device and the calling party number is retrieved. However, in Wang, only the basic structure of a mobile communication network including an intelligent network is disclosed. Thus, Wang fails to disclose, teach or suggest the claimed processing of the location information such that a symbol is attached to each digit of the location information to indicate the relevance of the digit to the processing purpose, an at least one digit of the location information indicated to be relevant is processed according to predefined commands.

Park merely discloses a mobile communication system enhanced with a GPS functionality. In Park, a CDMA cellular phone comprises a GPS data controller for providing exact location data of the phone and the CDMA communication system includes means for transmitting the GPS-based location data to other phone subscribers. However, contrary to the Office’s assertions, Park fails to disclose, teach or suggest, the location information being composed of digits (e.g., numeric values 0 - 9 in the decimal system or 0 - f in hexadecimal system); rather, Park merely discloses that the location information is composed of only bits (i.e., logical values 0 or 1). Thus, the combined teachings of Wang and Park fail to disclose, teach or suggest the claimed processing of the location information.

Fuller merely discloses a computer-operated call switching system, wherein a plurality of supplementary call processing services is provided. In Fuller, incoming calls may be automatically processed by the system according to predefined rules and, for example, call forwarding, call waiting and voice mail box services are provided. However, the passages cited by the Office Action, and Fuller in general, fail to disclose, teach or suggest tagging attached to the digits to indicate their relevance. Thus, the combined teachings of Wang,

Park and Fuller fail to disclose, teach or suggest the claimed processing of the location information.

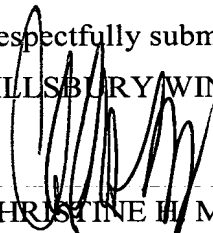
Finally, Chang merely discloses a GSM system in which each base station is identified by a cell global identifier (CGI) and integration of GSM and PACS is facilitated by assigning a CGI to be used instead of the complete port identification (CPID) developed for use with PACS.

Thus, the combined teachings of all of the cited prior art fail to disclose, teach or suggest the claimed processing of the location information such that a symbol is attached to each digit of the location information to indicate the relevance of the digit to the processing purpose, an at least one digit of the location information indicated to be relevant is processed according to predefined commands. Accordingly, claims 1-16 are allowable.

All prior art rejections having been traversed, Applicants submit that the application is in condition for immediate allowance and requests that a Notice be issued to that effect. If anything remains necessary to place the application in condition for allowance, Applicants request that the Examiner contact Applicants' undersigned representative.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,  
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